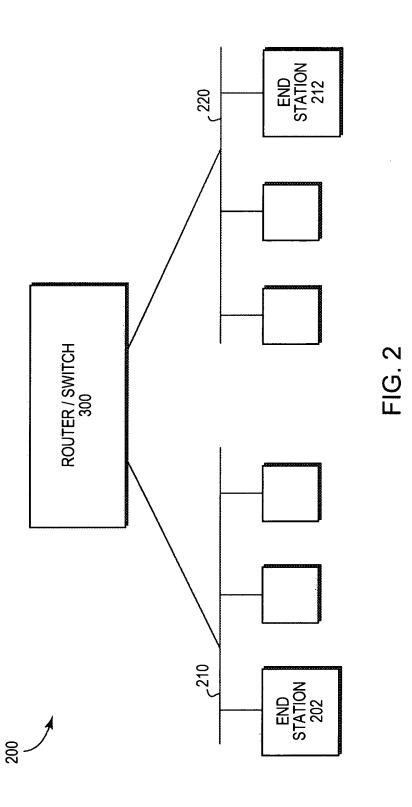


FIG. 1 PRIOR ART

£ 1

_





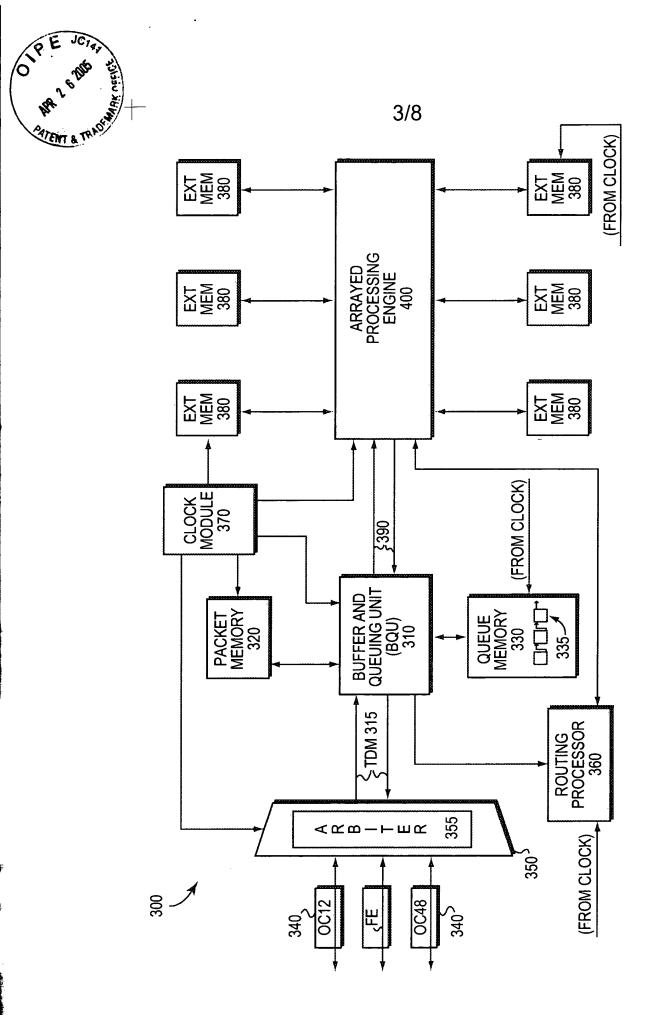
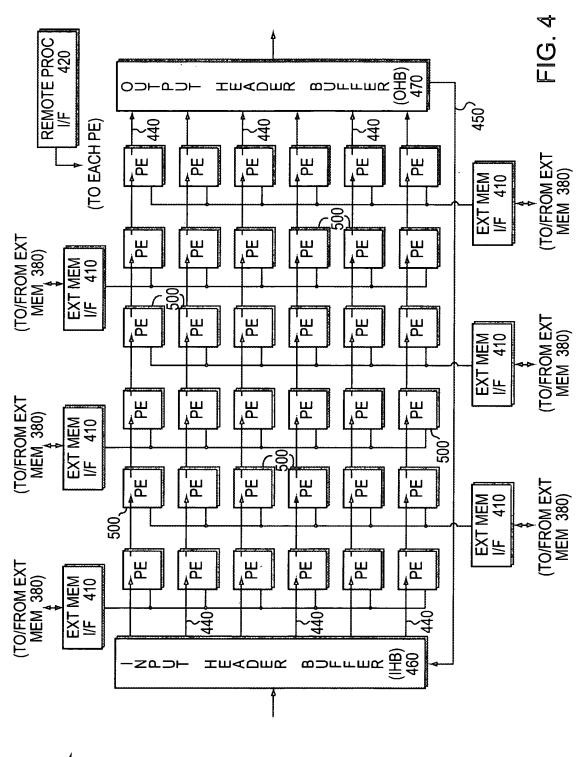


FIG. 3





\$ 1



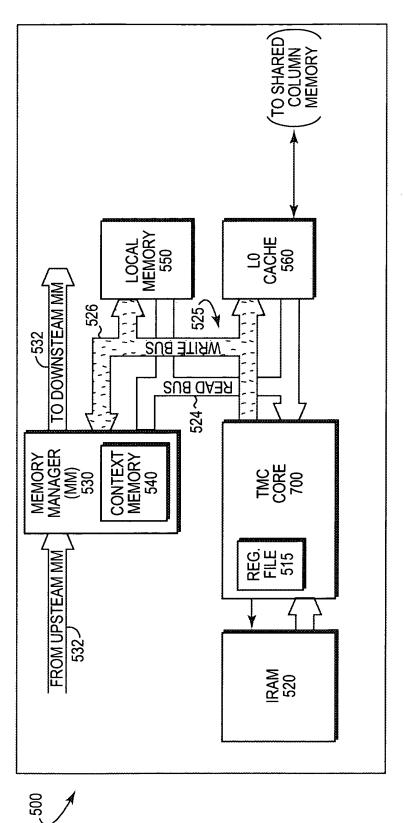


FIG. 5

+

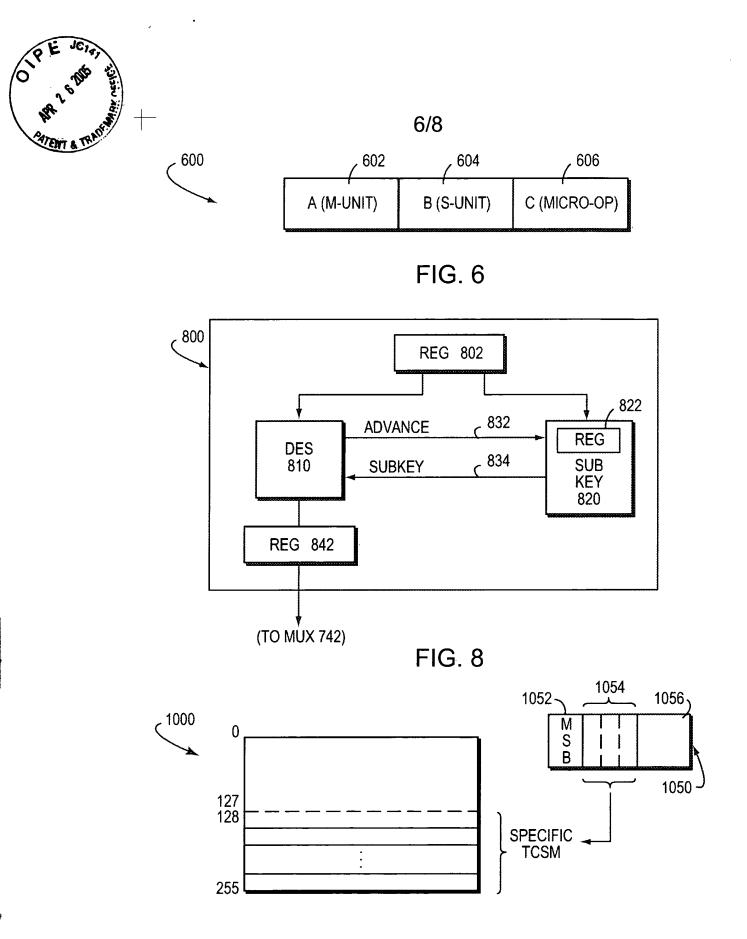


FIG. 10



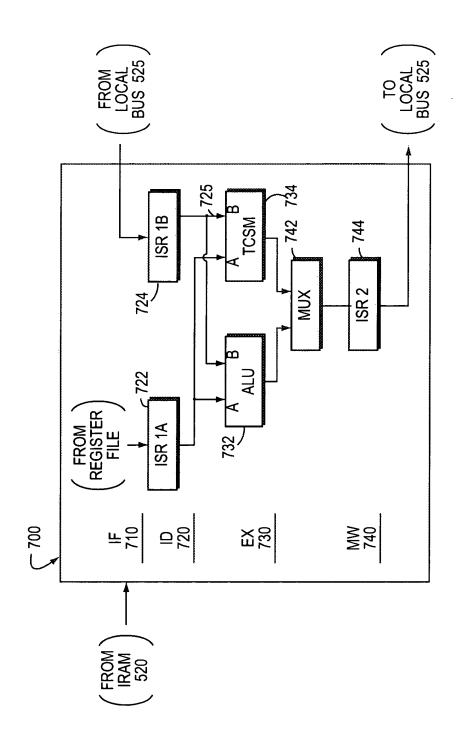


FIG. 7



900

INITIALIZE:

910 ~ XDES ENCRYPT

LOAD INITIAL KEY:

920 ~ MOR rØ, rØ, KEY(rØ)
922

INIT KEY
924

LOAD PLAINTEXT AND START DES:

930 ~ MOR rØ, rØ, PLAIN(rØ) DES (SINGLE DES FUNCTION)

LOAD CIPHERTEXT:

910 ~ SPR, IAR, DES-RESULT

WRITE CIPHERTEXT:

950 ~ MOR CIPHER($r\emptyset$), $r\emptyset$, $r\emptyset$ TR 960 ~ MOR (rI), $r\emptyset$, PLAINI($r\emptyset$) DES

FIG. 9